February 16, 2012

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2011-CH-063

FEDERAL-AID PROJECT NO. FAP Nos: STP-AWDA(025)

ADA - Metacom Avenue

METACOM AVENUE (STATE ROUTE 136) FROM THE BRISTOL TOWN LINE TO NORTH OF ARLINGTON AVENUE

CITY/TOWN OF Warren

COUNTY OF BRISTOL

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 2 Prospective bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal and Distribution of Quantities, and shall become an integral part of the Contract Documents.

A. Clarification

1. Metacom Avenue @ Bayview Avenue

   Traffic signal at Bayview Avenue is number 296 not 175. This intersection is located 2.5 miles south of the Bristol/Warren town line.

B. Proposal Addition/Deletion

1. Page P-21 (R-1)

   Delete Page P-21 (R-1) in its entirety and replace it with Page P-21 (R-2) attached to this Addendum No 2. The Addendum Date has been added. The proposal pages will be generated by the Quest Lite Bid File.

C. Specification Change/Addition

1. Special Provisions - Contract Specific

   a. Page CS-8

      Delete Page CS-8 in its entirety and replace it with Page CS-8 (R-1) attached to this Addendum No 2. Paragraph 17 has been revised.

2. Special Provisions / Job Specific

   a. Page JS-ii

      Delete Page JS-ii in its entirety and replace it with Page JS-ii (R-1) attached to this Addendum No 2. Item 201.9907 has been added to the contract.

   b. Page JS-47

      Add Page JS-47 attached to this Addendum No 2. Special Provision 201.9907 has been added to the contract.

   c. TMP Page 1

      Delete TMP Page 1 in its entirety and replace it with TMP Page 1 (R-1) attached to this Addendum No 2. The TMP has been revised.

   d. TMP Page 2

      Delete TMP Page 2 in its entirety and replace it with TMP Page 2(R-1) attached to this Addendum No 2. The TMP has been revised.

   e. TMP Page 3

      Delete TMP Page 3 in its entirety and replace it with TMP Page 3(R-1) attached to this Addendum No 2. The TMP has been revised.

   f. TMP Restrictions Table

      Delete the TMP Restrictions Table (R-1) in its entirety and replace it with TMP Restrictions Table (R-2) attached to this Addendum No 2. The TMP has been revised.

D. Distribution of Quantities

1. DOQ Index 3

   Delete DOQ Index 3 (R-1) in its entirety and replace it with DOQ Index 3 (R-2) attached to this Addendum No 2.

2. DOQ Page 66

   Delete DOQ Page 66 in its entirety and replace it with DOQ Page 66 (R-1) attached to this Addendum No 2. Item 713.8268 has been modified.

3. DOQ Page 66a

   Add DOQ Page 66a attached to this Addendum No 2. Item 713.8268 has been modified causing repagination.

4. DOQ Page 134

   Delete DOQ Page 134 in its entirety and replace it with DOQ Page 134 (R-1) attached to this Addendum No 2. Item 201.9907 has been added to the contract.

E. Drawings/Plans - Change/Addition

1. Sheet V1_026_DRAINUTL006

   Delete Sheet V1_026_DRAINUTL006 in its entirety and replace it with Sheet V1_026_DRAINUTL006 (R-1) attached to this Addendum No 2. A callout has been added.

2. Sheet V1_027_DRAINUTL007

   Delete Sheet V1_027_DRAINUTL007 in its entirety and replace it with Sheet V1_027_DRAINUTL007 (R-1) attached to this Addendum No 2. A callout has been added.

3. Sheet V1_049_TSIGNAL006

   Delete Sheet V1_049_TSIGNAL006 in its entirety and replace it with Sheet V1_049_TSIGNAL006 (R-1) attached to this Addendum No 2. The Traffic Signal number has been updated.

RI Department of Transportation
Chief Engineer

Revised: 2/19/2002

Total or gross sum of bid for Rhode Island Contract Number: 2011-CH-063

Federal-Aid Project Number(s): STP-AWDA(025)

WRITTEN IN WORDS:

The undersigned bidder declares that this Proposal is made without connection with any other person or persons making proposals for the same work, and is in all respects fair and without collusion or fraud. The undersigned bidder submits herewith, a proposal guarantee in the form of a bid bond in favor of the State of Rhode Island in the amount of 5% of the total or gross sum of the bid and agrees and consents that the proposal guarantee shall be forfeited to the State as liquidated damages if the required contract agreement and contract bond are not executed within ten(10) days of the notice of award. All surety companies must be listed with The Department of the Treasury, Fiscal Services, Circular 570, (Latest Revision published by The Federal Register). The State reserves the right to retain the surety of all bidders until the successful bidder enters into the Contract or until such time as the award or cancellation of the Contract is announced at which point Sureties will be returned to all bidders by the State of Rhode Island, Office of Purchases. The undersigned bidder further agrees, if awarded the contract on this proposal, to begin work within ten (10) calendar days after the date of execution of the contract unless otherwise specified under special provisions or permitted by the Engineer, and further agrees to complete the work on or before the dates outlined in the Contract Documents.

COMPLETION DATE(S)

DESCRIPTION	DATE
Advertise Date	February 1, 2012
Bid-Opening Date	February 22, 2012
Substantial Completion Date	November 15, 2012

THE BIDDER ACKNOWLEDGES RECEIPT OF THE FOLLOWING:

ADDENDA	DATE POSTED
NO.1	February 15, 2012
NO.2	February 16, 2012

DOCUMENT(S)	PAGE
1. Status Certification for: Debarment, Eligibility, Indictments, Convictions or Civil Judgements	1
2. Anti-Collusion Certificate	2
4. DBE Affirmative Action Certification	3 - 9
3. Disclosure of Lobbying Activities	

16. SHOP DRAWING SUBMITTALS

A list of anticipated shop drawing submittals is provided in the CS pages, Appendix A. See section 12.105.02 of the Rhode Island Department of Administration Procurement Regulations for submission requirements to the Engineer and the Prime Engineering Design Consultant.

Within thirty (30) calendar days of submission, all shop drawings shall be reviewed by the Engineer and returned to the Contractor for appropriate action.

17. BRISTOL COUNTY WATER AUTHORITY FACILITIES

During the execution of the work, the Contractor will be required to adjust water curb stop boxes as indicated on the plans or as directed by the Engineer.

It is the Contractors responsibility to coordinate with the Bristol County Water Authority at no additional cost to the State. Contact information is provided in "Utility and Municipal Notification and Coordination" of these Special Provisions.

18. LAMAR OUTDOOR ADVERTISING – BUS SHELTER

The Contractor shall contact and coordinate with Lamar Outdoor Advertising regarding the removal and replacement of the bus shelter located at Metacom Avenue STA 120+55+/- LT, at least 10 business days prior to the commencement of work at this location. Additionally, the Contractor shall notify Lamar Outdoor Advertising no later than 10 business days after the new sidewalk construction at this location has been open to the public. The following contact information is provided:

Mr. Doug Baer, Operations Manager
Lamar Outdoor Advertising
360 Warren Avenue
East Providence, RI 02914
Phone : (401) 421-4504
Fax: (401) 421-4504

INDEX

SPECIFICATIONS - JOB SPECIFIC

CODE	TITLE	PAGE
L06.9901	Pine Bark Mulch 3" Deep	JS-36
T.05.9901	Fiberoptic Handholes	JS-37
T.13.1000	Detectors and Relays	JS-40
T13.9901	Global Positioning Satellites (GPS) Clock Assembly	JS-41
T20.9904 T20.9906 T20.9912 T20.9920	4-Inch Temporary Epoxy Resin Pavement Markings – Yellow 6-Inch Temporary Epoxy Resin Pavement Markings – White 12-Inch Temporary Epoxy Resin Pavement Markings – White 4-Inch Temporary Epoxy Resin Pavement Markings – Arrow Lane Reduction	JS-44
201.9907	Remove and Dispose Water Meter Pit	JS-47

ITEM CODE 201.9907

REMOVE AND DISPOSE WATER METER PIT

DESCRIPTION

This work consists of removing and disposing existing abandoned Water Meter Pits which previously had metered service from the Bristol County Water Authority, at the locations indicated on the Plans or as directed by the Engineer, all in accordance with the applicable portions of Section 201, 205 and 700 of the Rhode Island Standard Specifications for Road and Bridge Construction, amended December 2010 with revisions as it applies to this item with the following exceptions:

METHOD OF CONSTRUCTION

The Contractor shall contact and coordinate this work activity with the Bristol County Water Authority. Seventy two (72) hours notice must be given before any work on this item may commence. The pit and any associated piping up to, but not including the first gate valve as indicated on the plans shall be carefully removed and disposed. Removal of the pit will include covers and sidewalls, but need not include the floors.

The resulting void will be backfilled per the applicable provisions portions of Section 205 of the Rhode Island Standard Specifications for Road and Bridge Construction, amended December 2010 with revisions.

METHOD OF MEASUREMENT

"Remove and Dispose Water Meter Pit" will be measured by the number of Water Meter Pits actually removed and legally disposed of, all in accordance with the Plans and this Specification and/or as directed by the Engineer.

BASIS OF PAYMENT

The accepted quantity of "Remove and Dispose Water Meter Pit" will be paid for at the contract unit price per EACH as listed in the Proposal. The price so-stated constitutes full and complete compensation for all labor, tools, equipment, and materials including removal and disposal of the water meter pit, including frame, cover, and sidewalls, sawcutting, earth excavation, gravel borrow backfill material (up to sidewalk subgrade), and temporary restoration of sidewalk, as well as coordination with the Bristol County Water Authority, and all other incidentals required to remove and legally dispose of said pits, complete and accepted by the Engineer.

Removal of sidewalk and final sidewalk construction in accordance with the plans or as directed by the Engineer shall be paid for under their respective item codes.

LEVEL 3 TRANSPORTATION MANAGEMENT PLAN

Project Name: **Accessibility Improvements to Metacom Avenue (Route 136) Warren and Bristol, RI**

RI Design Contract No(s): **95105**

RI Construction Contract No(s): **2011-CH-063**

Submission: **ADV** Date: **12/12/2011**

PROJECT INFORMATION

Brief Project Description: This project will improve accessibility under the American with Disabilities Act guidelines on Metacom Avenue (Rte 136) in the Town of Warren. It also includes pedestrian facilities at the Metacom Ave/Bayview Ave intersection in Bristol. The work includes replacing sidewalks and handicap ramps, upgrading signage, pedestrian signal heads and ADA compliant pushbuttons. This project wil also inclusde isolated sidewalk improvements to Bristol Ferry Road in Portsmouth.

General Work Limits: Metacom Avenue from Rosa Boulevard to the Bristol Town Line. Metacom Avenue at Bayview Avenue intersection in Bristol. Bristol Ferry Road from Turnpike Avenue to Boyds Lane, in Portsmouth, RI

WORK ZONE LOCATIONS

ROADWAY NAME or INTERSECTION	FROM	TO	APPROX. LENGTH
Metacom Ave (RI 136), in Warren	Rosa Boulevard	Bristol Town Line	5,000 feet
Metacom Ave (RI 136)/Bay View Ave, in Bristol			N/A
Bristol Ferry Road (Rte 114)	Turnpike Street	Boyds Lane	6,500 feet

General Project Schedule*: The project is expected to be advertised in early 2012, and substantial completion of the project is expected to be by November 2012.

*The information in this section is not intended to and shall not supersede the approved schedule and milestone/completion dates for the project.

TRAFFIC-RELATED WORK RESTRICTIONS

General Restrictions: See attachment

Holiday Restrictions:

No lane and/or shoulder closures allowed after 1:00 PM on the Friday preceding a holiday weekend.

EASTER SUNDAY
No lane and/or shoulder closures allowed on Saturday.
No lane and/or shoulder closures allowed on Sunday.

NEW YEAR'S DAY, INDEPENDENCE DAY & CHRISTMAS DAY
No lane and/or shoulder closures allowed after 1:00 PM on the day before the holiday.
No lane and/or shoulder closures allowed on the holiday.

DR. MARTIN LUTHER KING JR., MEMORIAL DAY, VICTORY DAY, LABOR DAY, COLUMBUS DAY & VETERANS DAY
No lane and/or shoulder closures allowed on Saturday and Sunday.
No lane and/or shoulder closures allowed on Monday.

THANKSGIVING DAY
No lane and/or shoulder closures allowed after 1:00 PM on the Wednesday preceding Thanksgiving Day.
No lane and/or shoulder closures allowed on Thanksgiving Day.
No lane and/or shoulder closures allowed on Friday and Saturday.
No lane and/or shoulder closures allowed on Sunday.

Addendum No 2

TEMPORARY TRAFFIC CONTROL PLANS

These RIDOT- and/or Designer-Developed TTC Plans will be used during the work on this project

RIDOT TYPICAL TTC PLANS	Included in: TMP	Included in: Plan Set
☐ Mobile Operation		
☐ Work Beyond the Shoulder		
☐ Shoulder Closure - Two Lane Road		
☐ Shoulder Closure - Limited Access		
☐ 1-Side Lane Shift - Two Lane Road		
☐ 2-Side Lane Shift - Two Lane Road		
☐ Lane Shift - Limited Access		
☐ Lane Closure - Two Lane Road		
☐ Lane Closure - Four Lane Road		
☐ Lane Closure - Limited Access		
☐ Double Lane Closure - Limited Access		

DESIGNER-DEVELOPED TTC PLANS	Included in: TMP	Included in: Plan Set
Maintenance & Protection of Traffic Plan No.1		X
Maintenance & Protection of Traffic Plan No.2		X

PUBLIC INFORMATION PLAN

These strategies will be used to provide information concerning the project to road users and the community

SELECTED STRATEGIES	RESPONSIBILITIES / REQUIREMENTS / SPECIAL CONSIDERATIONS
RIDOT travel advisories news releases	RIDOT TMP Imp. Mngr. to send RIDOT notification form to Communications min. 48 hrs. in advance of restrictions.
RIDOT travel advisories web site	RIDOT TMP Imp. Mngr. to send RIDOT notification form to Communications min. 48 hrs. in advance of restrictions.
RIDOT 511 traveler information system	RIDOT TMP Imp. Mngr. to send RIDOT notification form to RIDOT TMC min. 48 hrs. in advance of restrictions.

TRANSPORTATION OPERATIONS PLAN

These strategies will be used to provide improved transportation operations/safety within project work zones

SELECTED STRATEGIES	RESPONSIBILITIES / REQUIREMENTS / SPECIAL CONSIDERATIONS

Addendum No 2

R-1

PERFORMANCE MONITORING, CHANGES TO TMP, & CONTINGENCIES

The **Contractor's TMP Implementation Manager (if identified below)** is responsible for keeping the portion of the project being used by public traffic in a condition that (1) safely and adequately accomodates such traffic and (2) is in accordance with the Traffic-Related Work Restrictions, the Temporary Traffic Control Plans, and where appropriate, the other transportation management strategies identified above. The **RIDOT TMP Implementation Manager** should inspect the project work zones at initial setup, at the start of each subsequent work day, and just prior to extended breaks in the work (e.g., weekends) for conformance with the Temporary Traffic Control Plans, the ATSSA Quality Guidelines for Work Zone Traffic Control Devices, and where applicable, the other transportation management strategies identified above. He/she should also document work zone-related feedback and/or legitimate complaints that are received from the public through phone calls, in person, in writing, or by electronic mail.

If at any time (1) a significant deviation from any of the strategies included in the TMP (e.g., the use of an alternate construction sequence) is desired by one or more members of the project implementation team, (2) field observations and/or data suggest that impacts to road users are or will be unacceptable, or (3) one or more performance requirements established in the TMP are not being met in the field, the RIDOT TMP Implementation Manager shall report the situation to his/her supervisor or Division/Section/Unit manager. The supervisor / manager will coordinate with the State Traffic Engineer, the Deputy Chief Engineer, the TMP Implementation Manager(s), the Chief Engineer, and/or other interested parties as appropriate and/or necessary to consider and determine whether revised and/or alternate strategies should be implemented in an effort to lessen the adverse safety and/or mobility impacts of the project. If the supervisor / manager deems that strategy changes should be implemented, the changes shall be documented in a revised version of the TMP and the Deputy Chief Engineer, the State Traffic Engineer, and the Chief Engineer must approve of the revised TMP prior to their implementation.

If a significant deviation from any of the strategies included in the TMP is requested by the Contractor, unless directed otherwise by the RIDOT the Contractor is responsible for preparing and submitting to the RIDOT TMP Implementation Manager appropriate documentation (e.g., design calculations, analysis reports, Temporary Traffic Control Plans, etc.) showing that the requested change(s) are (1) feasible and (2) expected to result in safety and mobility impacts that are no more adverse than the impacts resulting from the strategies already included in the latest approved TMP. The RIDOT will review and consider the submittal(s) as described in the preceding paragraph and will determine whether the changes should be implemented. If the requested changes are approved by the RIDOT, unless otherwise directed by the RIDOT the Contractor shall prepare and submit to the RIDOT TMP Implementation Manager a revised version of the latest approved TMP in both printed and electronic (Microsoft® Excel) format that documents all of the approved changes. Work to implement the changes shall not begin until the Deputy Chief Engineer, the State Traffic Engineer, and the Chief Engineer have approved of the revised TMP.

When unexpected events (e.g., crashes, inclement weather, unforeseen traffic demands, etc.) occur in a project work zone where one or more lanes are closed, the RIDOT TMP Implementation Manager or his/her responsible designee should (1) determine whether or not the lane closure(s) can/should be removed in order to improve traffic operations and/or minimize delays and (2) if deemed appropriate, take action to remove the lane closure(s).

Other
Requirements:

TMP APPROVALS

All approvals must be obtained prior to start of work

DEPUTY CHIEF ENGINEER			STATE TRAFFIC ENGINEER			CHIEF ENGINEER		
Signature: Frank Conrad			Signature [signature]			Signature: [signature]		
Date: 2/16/12			Date 2/16/12			Date: 2/16/12		
Revision #	Initials	Date	Revision #	Initials	Date	Revision #	Initials	Date

TMP IMPLEMENTATION MANAGERS

Project managers with the primary responsibility & authority for implementation of this TMP

RIDOT		CONTRACTOR (if contract work)	
Name:		Name:	
Title:		Title:	
Unit:		Company/Unit:	
Office Phone:		Office Phone:	
Mobile Phone:		Mobile Phone:	
E-Mail:		E-Mail:	

Addendum No 2

Location	MINIMUM NUMBER OF LANES & SHOULDERS TO REMAIN OPEN TO TRAFFIC								
	Time of Day		Day of Week						
	From	*To*	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Metacom Ave in Warren	0:00:00	6:00:00	ALL	1 L	1 L	1 L	1 L	1 L	1 L
	6:00:00	9:00:00	ALL	ALL	ALL	ALL	ALL	ALL	1 L
	9:00:00	15:00:00	ALL	1 L	1 L	1 L	1 L	1 L	ALL
	15:00:00	20:00:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	20:00:00	24:00:00	1 L	1 L	1 L	1 L	1 L	ALL	ALL
Metacom Avenue at Bayview Avenue in Bristol (BOTH Streets)	0:00:00	6:00:00	ALL	1 L	1 L	1 L	1 L	1 L	1 L
	6:00:00	9:00:00	ALL	ALL	ALL	ALL	ALL	ALL	1 L
	9:00:00	15:00:00	ALL	1 L	1 L	1 L	1 L	1 L	ALL
	15:00:00	20:00:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	20:00:00	24:00:00	1 L	1 L	1 L	1 L	1 L	ALL	ALL
Bristol Ferry Road in Portsmouth	0:00:00	9:00:00	ALL	ALL	ALL	ALL	ALL	ALL	1 L
	9:00:00	15:00:00	ALL	1 L	1 L	1 L	1 L	1 L	1 L
	15:00:00	24:00:00	1 L	ALL	ALL	ALL	ALL	ALL	ALL

LEGEND

ALL	All travel lanes and shoulders shall remain open to traffic
1 L	A minimum of one 11-foot wide travel lane in each direction shall remain open to traffic

NOTES

1 The set-up and break-down of temporary traffic control devices within a traveled way or shoulder shall be construed as a closure of that traveled way or shoulder.
2 The provisions noted herein shall not free the Contractor from his responsibility to conduct all work in such a manner that assures the least possible obstruction to traffic.
3 The sidewalk on at least one side of Metacom Avenue shall remain open to pedestrian traffic at all times.

Table of Contents - Distribution of Quantities

Project Name - ADA - Metacom Avenue
Estimate Name - Addendum No. 2
R.I. Contract No. - 2011-CH-063
FAP Nos: STP-AWDA(025)

ItemCode	Description	Page
T05.0400	BREAK INTO EXISTING HANDHOLE	114
T05.1030	ADJUST HANDHOLE TO GRADE	114
T05.9901	FIBER OPTIC HANDHOLE	115
T06.1030	**** ITEM DELETED ****	**116**
T06.5240	4 INCH SCHEDULE 80 POLYVINYL CHLORIDE PLASTIC CONDUIT - UNDERGROUND	117
T11.2010	TRAFFIC SIGNAL STANDARD,10 FT, STD 19.4.0 ALUMINUM PEDESTAL POLE AND FOUNDATION	117
T13.1000	TRAFFIC DETECTORS-LOOP, STANDARD 19.6.0	118
T13.8200	PEDESTRIAN DETECTOR-PUSHBUTTON W/SIGN	119
T13.9901	GLOBAL POSITIONING SATELLITE (GPS) CLOCK ASSEMBLY	120
T14.3911	1 WAY PEDESTAL MOUNTED L.E.D. PEDESTRIAN SIGNAL HEAD 12 INCH	120
T14.3912	2 WAY PEDESTAL MOUNTED L.E.D. PEDESTRIAN SIGNAL HEAD 12 INCH	121
T14.3913	1 WAY BRACKET MOUNTED L.E.D. PEDESTRIAN SIGNAL HEAD 12 INCH	121
T15.0100	DIRECTIONAL REGULATORY AND WARNING SIGNS	122
T15.1000	STREET SIGN ASSEMBLY STD. 24.6.1	124
T15.1100	STREET SIGN - OVERHEAD MOUNTED	125
T15.2000	PARKING SIGNS	126
T16.0200	REMOVE AND RELOCATE GROUND MOUNTED SIGN	128
T18.0212	REFLECTOR UNIT-DOUBLE AMBER DELINEATOR 4X8''	129
T20.1000	REMOVE EXISTING PAVEMENT MARKINGS	129
T20.9904	4 INCH TEMPORARY EPOXY RESIN PAVEMENT MARKINGS YELLOW	129
T20.9906	6 INCH TEMPORARY EPOXY RESIN PAVEMENT MARKINGS	130
T20.9912	12 INCH TEMPORARY EPOXY RESIN PAVEMENT MARKINGS WHITE	131
T20.9920	TEMPORARY EPOXY RESIN PAVEMENT MARKING ARROW LANE-REDUCTION	133
906.9903	TEMPORARY BITUMINOUS WHEELCHAIR RAMP STD 43.3.0	133
T06.5030	3 INCH POLYVINYL CHLORIDE PLASTIC CONDUIT-UNDERGROUND	133
201.9907	**REMOVE AND DISPOSE WATER METER PIT**	**134**

Distribution of Quantities

Project Name - ADA - Metacom Avenue
Estimate Name - Addendum No. 2
R.I. Contract No. - 2011-CH-063
FAP Nos: STP-AWDA(025)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
049	712.0200 Cont.	METACOM AVENUE				
		PROJECT WIDE/AS DIRECTED		5.00	0004	01
		Item 712.0200 Total:		**5.00**		
050	713.8268	**ADJUST CURB STOP BOX TO GRADE**	**EACH**			
		BRISTOL FERRY ROAD				
		AT ISLAND DAY SCHOOL		1.00	0004	01
		METACOM AVENUE				
		132+20, RT		1.00	0004	01
		139+65, RT		1.00	0004	01
		139+85, LT		1.00	0004	01
		141+00, RT		1.00	0004	01
		143+65, RT		1.00	0004	01
		145+55, RT		1.00	0004	01
		154+10, LT		2.00	0004	01
		Item 713.8268 Total:		**9.00**		
051	813.9901	**PORTLAND CEMENT CONCRETE SEALER FOR SIDEWALKS AND DRIVEWAYS**	**SY**			
		ARLINGTON AVENUE (CCDWY)				
		17+95, RT (CCDWY)		13.00	0004	01
		ARLINGTON AVENUE (CONSW)				
		17+82, RT (CONSW)		3.00	0004	01
		18+07, 18' RT - 21+16, 176' RT (CONSW)		257.00	0004	01
		BRISTOL FERRY ROAD (CCDWY)				
		HOUSE #417 (CCDWY)		16.00	0004	01
		BRISTOL FERRY ROAD (CONSW)				
		AT ISLAND DAY SCHOOL (CONSW)		3.00	0004	01
		AT LOO LOO DESIGN (CONSW)		3.00	0004	01
		AT UTILITY POLE #45 (CONSW)		3.00	0004	01
		AT UTILITY POLE #46 (CONSW)		3.00	0004	01
		AT UTILITY POLE #90 (CONSW)		3.00	0004	01

Distribution of Quantities

Project Name - ADA - Metacom Avenue
Estimate Name - Addendum No. 2
R.I. Contract No. - 2011-CH-063
FAP Nos: STP-AWDA(025)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
051	813.9901 Cont.	METACOM @ BAYVIEW (CONSW)				

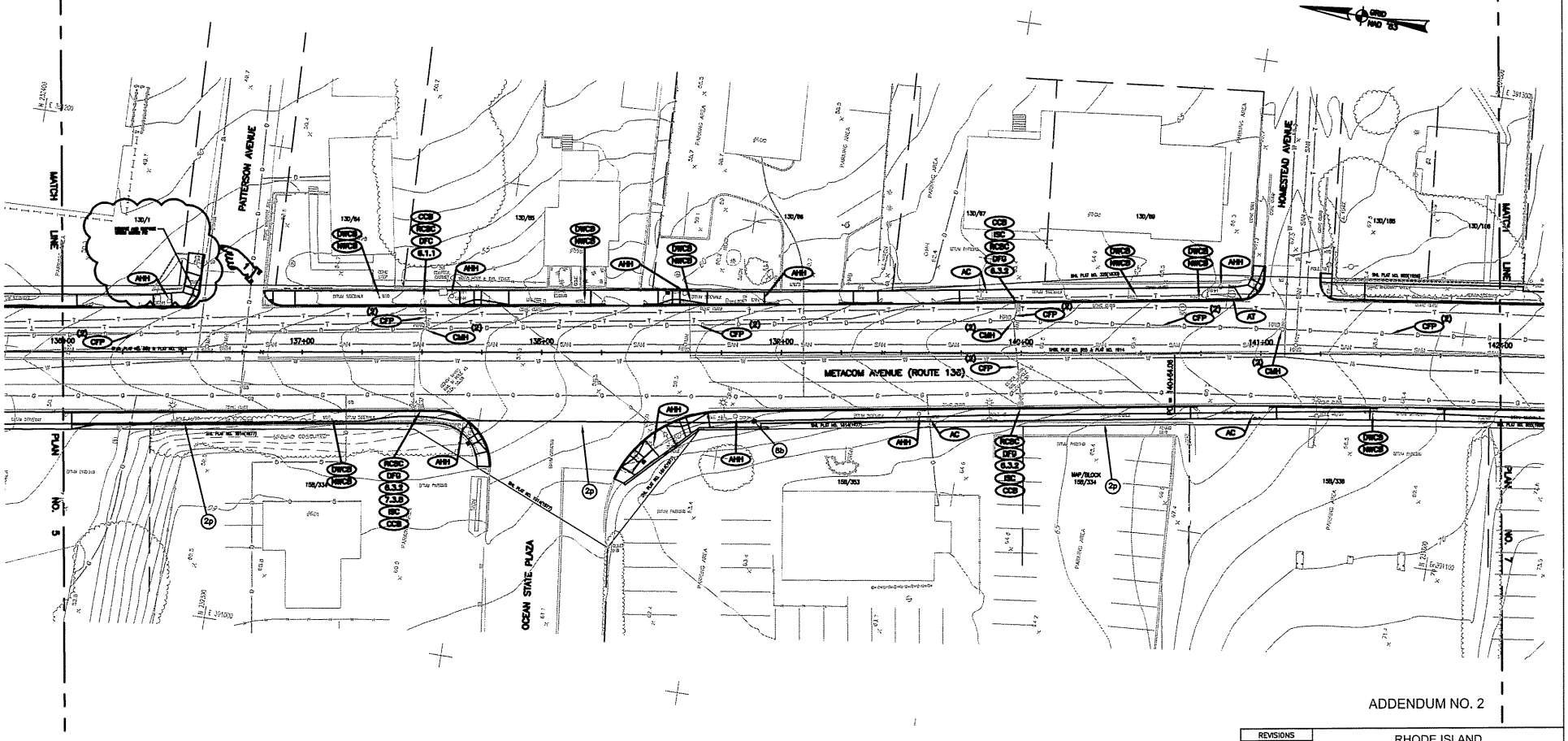
Distribution of Quantities

Project Name - ADA - Metacom Avenue
Estimate Name - Addendum No. 2
R.I. Contract No. - 2011-CH-063
FAP Nos: STP-AWDA(025)

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
128	T06.5030 Cont.	SOUTHWEST CORNER		50.00	0004	01
		METACOM @ OCEAN STATE				
		NORTHEAST CORNER		8.00	0004	01
		SOUTHWEST CORNER		8.00	0004	01
		METACOM @ ROSA				
		AS SHOWN ON TRAFFIC PLAN #1		30.00	0004	01
		METACOM @ VERNON				
		NORTHEAST CORNER		15.00	0004	01
		SOUTHWEST CORNER		5.00	0004	01
		Item T06.5030 Total:		**196.00**		
129	201.9907	**REMOVE AND DISPOSE WATER METER PIT**	**EACH**			
		METACOM AVENUE				
		136+55, LT		1.00	0004	01
		Item 201.9907 Total:		**1.00**		

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	RI	STP-AWDA(025)	2011	V1_026	V1_049

R-1



ADDENDUM NO. 2

0 10' 20' 40'
SCALE: 1"=20'

Maguire Group Inc.
Architects/Engineers/Planners
225 Chapman Street
Providence, Rhode Island 02905

REVISIONS		
NO.	DATE	BY
1	2/16/12	JL

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

ADA IMPROVEMENTS TO
METACOM AVENUE (RTE. 136)

WARREN, RHODE ISLAND

DRAINAGE & UTILITY
PLAN NO. 6

CHECKED BY _____ DATE _____ SCALE 1"=20'

0078T_V1_026_DRAINUTL006_ADD2

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	RI	STP-ANDA(025)	2011	V1_027	V1_049

R-1

ADDENDUM NO. 2

0 10' 20' 40'
SCALE: 1"=20'

Maguire Group Inc.
Architects/Engineers/Planners
225 Chapman Street
Providence, Rhode Island 02905

REVISIONS		
NO.	DATE	BY
1	2/16/12	JL

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

ADA IMPROVEMENTS TO
METACOM AVENUE (RTE. 136)

WARREN. RHODE ISLAND

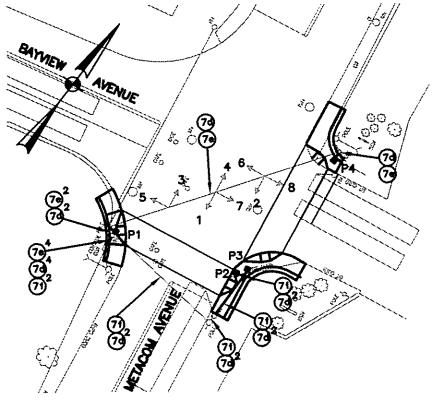
DRAINAGE & UTILITY
PLAN NO. 7

CHECKED BY ______ DATE ______ SCALE 1"=20'

00781_V1_027_DRAINUTL007_ADD2

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	RI	STP-HSIP(025)	2011	V1_046	V1_048

R-2



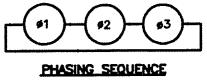
WIRING DIAGRAM

APPROACH	DIRECTION	HOUSING	SEQUENCE AND TIMING DIAGRAM #1			#2			#3			FLASHING OPERATION
MINIMUM INTERVAL			5			5			5			
VEHICLE EXTENSION			2.1			2.4			2.4			
MAXIMUM 1			8			47			25			
MAXIMUM 2			5			41			20			
YELLOW CLEARANCE				3			4			4		
RED CLEARANCE					1			1			1	
PED. WALK/CLEARANCE						9			10			
METACOM AVENUE	NB	1	G	G	G	G	Y	R	R	R	R	Y
METACOM AVENUE	SB	3,4	R	R	R	G	Y	R	R	R	R	Y
METACOM AVENUE	NB	2	R	R	R	G	Y	R	R	R	R	Y
BAYVIEW AVENUE	EB	5,6	R	R	R	R	R	R	G	Y	R	R
CVS ACCESS ROAD	WB	7,8	R	R	R	R	R	R	G	Y	R	R
PEDESTRIAN		P1, P2	DW	DW	DW	DW	DW	DW	DW	DW	DW	DARK
PEDESTRIAN		P3, P4	DW	DW	DW	DW	DW	DW	DW	DW	DW	DARK
DETECTOR			NON-LOCK			NON-LOCK			NON-LOCK			
RECALL			SOFT			OFF			OFF			

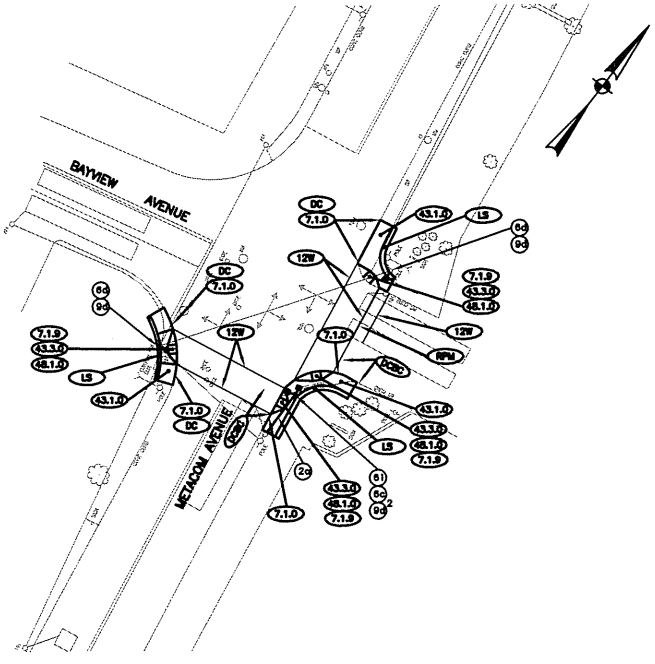
SEQUENCE AND TIMING NOTES:
1. MAXIMUM 1 = AM PEAK
2. MAXIMUM 2 = PM PEAK
3. PED. W/FDW UPON PUSHBUTTON ACTUATION ONLY

#1	#2	#3	#4
			NOT USED

PHASING AND TIMING DIAGRAM



PHASING SEQUENCE



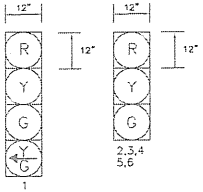
TRAFFIC SIGNAL LEGEND

T05.0100 1a	Precast Type A Handhole Standard 18.2.0
T05.5030 2a	3 Inch Polyvinyl Chloride Plastic Conduit Underground
T11.2000 6a	Traffic Signal Standard, 6 foot, std. 19.4.0
T11.2010 8i	Traffic Signal Standard 10ft Std. 19.4.0 Aluminum Pedestal Pole and Foundation.
T04.5303 7d	14 AWG 3 Conductor Cable
T04.5305 7e	14 AWG 5 Conductor Cable
T04.5307 7f	14 AWG 7 Conductor Cable
T04.9901 7j	36 Strand Single Mode Fiber Optic Cable
T05.9902 8d	Duct 1 ¼" HDPE Duct (Under Exist. Pvmt.)
T05.9903 8e	Duct 1 ¼" HDPE Duct (underground)
T05.9901 2a	4 Inch Polyvinyl Chloride Plastic Conduit (Schedule 80) (Underground)
T14.3911 6b	Pedestrian Signal Head, 1 Way, 12 Inch Pedestal Mounted (Top Post) with Countdown Pedestrian Signal
T14.3912 6c	Pedestrian Signal Head, 2 Way, 12 Inch Pedestal Mounted with Countdown Pedestrian Signal
T14.3913 6d	Pedestrian Signal Head, 1 Way, 12 Inch Bracket Mounted with Countdown Pedestrian Signal
T13.1000 8a	Traffic Detector Loop Std. 19.8.0
T13.8200 9d	Pedestrian Detector – Pushbutton with Sign RP-1000
T13.9901 10a	Global Positioning Satellite (GPS) Clock Assembly

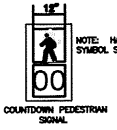
FIBER OPTIC LEGEND

T05.9901 5b	Fiber Optic Handhole
T05.9901 2p	4 Inch Polyvinyl Chloride Plastic Conduit (Schedule 80) (Under Existing Pavement)

EXISTING SIGNAL FACES



PROPOSED SIGNAL FACES



ADDENDUM NO. 2
TRAFFIC SIGNAL 296

REVISIONS NO.	DATE	BY
1	2/13/12	JL
2	2/16/12	JL

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

ADA IMPROVEMENTS TO
METACOM AVENUE (RTE. 136)
WARREN, RHODE ISLAND

TRAFFIC SIGNAL PLAN #6
METACOM / BAYVIEW AVE.

SCALE: 1"=20'

Maguire Group Inc.
Architects/Engineers/Planners
225 Chapman Street
Providence, Rhode Island 02905

CHECKED BY _____ DATE _____ SCALE _____

00787_V1_049_TSIGNALD08_ADD2